

Work Order ID 149840

Wednesday, August 03, 2016 1:37:23 PM

149840

Page 1

Item ID: D2842-044 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Step Assembly, RH, 206 Float (PHI)
Start Date: 7/25/2016 Start Qty: ~~1.00~~ *Adm* ***1*** Cust Item ID:
Required Date: 8/3/2016 Req'd Qty: ~~1.00~~ *Adm* ***1*** Customer:
Reference:

Approvals: Process Plan: DAS Date: AUG 04 2016 Tooling: _____ Date: _____ Run Start ***NR1***
QC: 21 Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***
89

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2842	REV C								
100	Large Fab	0.00							
100									
Large Fab	Memo	0.08							
Large Fab	1-Cut D2842-1 using D2622 extrusion as per Dwg D2842								
	2-Deburr and bevel ends for welding								
110	QC6- Inspect dimensions to drawing	0.00							
110									
QC	Memo	0.00							
Quality Control									
120	Weld per dwg A/R Aluminum rod Batch: _____	0.00							
120	Large Fab								
Large Fab	Memo	0.16							
Large Fab	1-Weld one end cap and (2) lugs using Jig DT10058 as per Dwg D2842								
	2-Grind end cap weld flush								

4 16-08-10

4 AUG 11 2016 DAS 24 9-89

4 AUG 11 2016 DAS 24 9-89

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation			Disposition		
			Completed By Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

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N900040100

Setup Start *NS1*

Stop ***NS2***

Start Date: 7/25/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 8/3/2016 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

0.00

130

QC

Memo

0.00

Quality Control

4x — DAS 43 — AUG 16 2016
9-89

0.00

140

QC

Memo

0.00

Quality Control

43 DAS AUG 16 2016 9-89

0.00

150

HandFinish

Memo

0.08

Hand Finishing

4x  16-08-16

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 *160* QC Quality Control	QC7-Inspect Chemical Conversion Coat Memo	0.00 0.00				<u>4</u>			DAS 38 9-89 AUG 16 2016
170 *170* Large Fab Large Fab	Weld per dwg A/R Aluminum rod Batch: _____ Large Fab <u>4/30/37</u> Memo 1-Remove alodine prior to welding. Weld end cap as per Dwg D2842. 2-Grind end cap weld flush.	0.00 0.25				<u>4x</u>			DAS 43 9-89 AUG 16 2016
180 *180* QC Quality Control	QC10- Inspect visual per QSI004- ground welds Memo	0.00 0.00				<u>4</u>			DAS 38 9-89 AUG 18 2016

DQA: DA Date: 2016-10-7

QA Closed: RAJ Date: SEP 30 2015

WORK ORDER NON-CONFORMANCE / UPDATE



Work Order update only ☒

Work Order: <u>149840</u> Part No. <u>D 2842-044</u> NCR No.		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table border="0"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Date :		Step #:		QTY Effective :		MRB (QS1042) Approval DAS 9 9-89 16-09-2																																																																	
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use rivet for vent hole M520601AD4W2 <u>M1341361</u> pty								Completed By																																																															
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Item ID: D2842-044 Accept ***N900040100*** Setup Start ***NS1***
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Item Name: Step Assembly, RH, 206 Float (PHI)
Start Date: 7/25/2016 Start Qty: 1.00 ***1*** Cust Item ID:
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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
190 *190* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00				<u>4</u>			DAS 38 9-89 AUG 18 2016
191 *191* HandFinish Hand Finishing	Pressure Wash per QSI005 4.3 Memo ***Touch up step with alodine per qsi 005 prior to powder coat***	0.00 0.03				<u>(4)</u>			2-16-108/18 BEB
200 *200* SprayPaint Spray Painting	Spray Painting per QSI005 4.2 Memo SPRAY PAINT AS PER NOTE 2	0.00 0.02				<u>4</u>			DAS 41 9-89 16-8-25

Primer ~~134937~~ 134937
Paint 137038

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval 	
Description Work Order Deviation				Disposition					
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Root Cause			FAULT CATEGORY					
Environment	☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design	☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data	☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
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Setup Start *NS1*

Stop *NS2*

*** 1 ***

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Customer:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**DAS
15
9-89**

210 QC14- Inspect Spray Paint

0.00

210

QC

Memo

0.00

Quality Control

220

0.00

220

HandFinish

HandFinishing

Memo

0.11

Hand Finishing

2-Wing Walk as per Dwg D2842 and QSI 005 4.1
Batch: M134948

230

QC5- Inspect part completeness to step on W/O	0.00
---	------

230

QC

Memo

0.00

Quality Control

AUG 30 2016

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240	Identify as per dwg & Stock Location: <i>PK</i>	0.00							
240									
Packaging	Memo	0.00							
Packaging									
250	QC21- Final Inspection - Work Order Release	0.00							
250									
QC	Memo	0.02							
Quality Control									

00949 834

AUG 3 0 2016

DAS 6 9-89

DAS 21 9-89

AUG 3 1 2016

DAS 21 9-89

AUG 3 0 2016

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Date :		Step #:		QTY Effective :				MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER : ☐									

Picklist Print

Wednesday, August 03, 2016 1:37:23 PM

Page 1

Work Order ID: 149840

149840

Parent Item: D2842-044

D2842-044

Parent Item Name: Step Assembly, RH, 206 Float (PHI)

Start Date: 7/25/2016

Required Date: 8/3/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 16-05-19 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2622-120C

Manufactured

No

Each

94.7360

1

D2622-120C

Step Extrusion

**

4

16-08-10

Location

Loc Qty

Loc Code

WA003

82.736

130161

0.236

141814

82.5

WA004

12

140539

12

D2734

Manufactured

No

Each

55.0000

2

D2734

Step End Plate

**

B145802 → 8

DAS
43
9-89

AUG 10 2016

Location

Loc Qty

Loc Code

WA003

55

145802

55

D3459-1

Manufactured

No

Each

44.0000

2

D3459-1

Float Step Mounting Plate

**

8

16-08-10

Location

Loc Qty

Loc Code

WA003

44

130490

3

132719

9

134950

12

146920

20

44

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Picklist Print

Wednesday, August 03, 2016 1:37:23 PM

Page 2

Work Order ID: 149840

149840

Parent Item: D2842-044

D2842-044

Parent Item Name: Step Assembly, RH, 206 Float (PHI)

Start Date: 7/25/2016

Required Date: 8/3/2016

Start Qty: 1.00

Required Qty: 1.00

D3459-3

Manufactured No

Each

46.0000

2

D3459-3

Float Step Mounting Plate

**

9 16-08-10 S

Location

Loc Qty

Loc Code

WA003

46

129735

2

130491

20

146785

24

9

MS20601-AD4W2

Purchased

No

Each

166.0000

1

MS20601-AD4W2

Rivet

**

8

sf

Location

Loc Qty

Loc Code

ST308

76

m133577

2

m134861

74

WA003

90

m126975

9

m134134

81

4

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

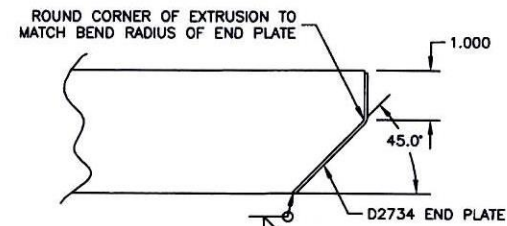
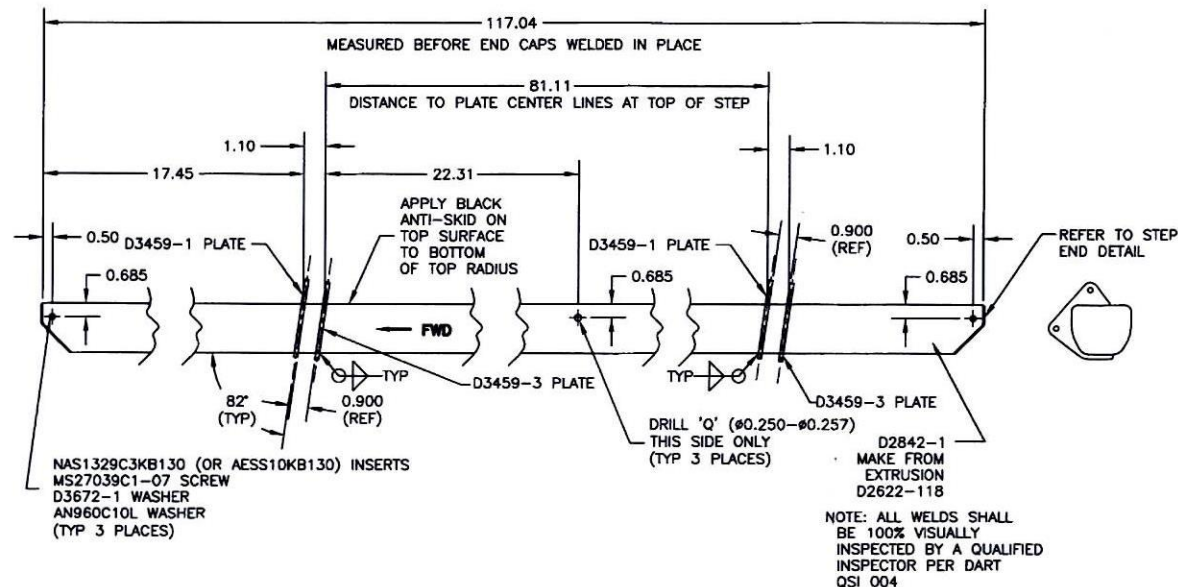


QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :			MRB (QS1042) Approval
Description Work Order Deviation		Disposition			Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Qty -041	Qty -042	Part Number	Description
X	X	D2842-041	LH FLOAT STEP ASSEMBLY
	X	D2842-042	RH FLOAT STEP ASSEMBLY
1	1	D2622-118	EXTRUSION
2	2	D2734	END PLATE
2	2	D3459-1	PLATE
2	2	D3459-3	PLATE
3	3	D3672-1	WASHER
3	3	MS27039C1-07	SCREW
3	3	NAS1149C0332R	WASHER (AN960C10L)
3	3	NAS1329C3KB130	INSERT (or AESS10KB130)



TYPICAL STEP END DETAIL
NOT TO SCALE

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 149840 MJS
1608-04

**D2842-041 LH FLOAT STEP ASSEMBLY (SHOWN)
D2842-042 RH FLOAT STEP ASSEMBLY (OPPOSITE)**

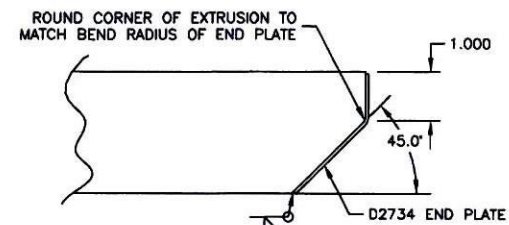
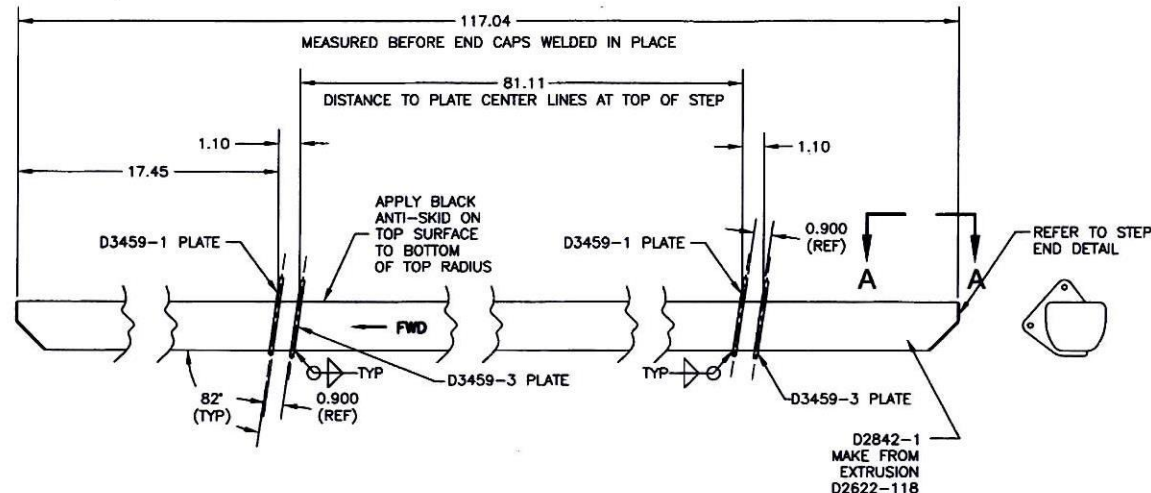
NOTES:

- 1) MATERIAL: MAKE FROM EXTRUSION D2622
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT ASSEMBLY WHITE (4.3.5.1) PER DART QSI 005 4.3
APPLY BLACK ANTI-SKID PAINT PER DART QSI 005 4.4
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D2842-041/-042" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A
- 8) WELD PER DART QSI 004

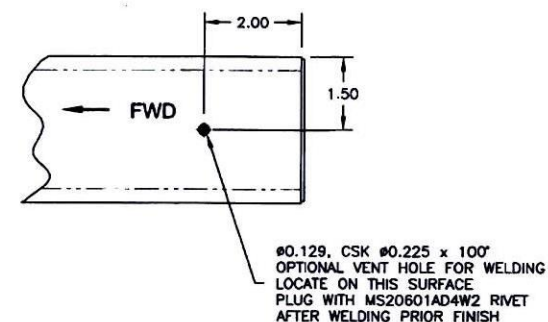
RELEASED
2016-08-02
EN 4-620

C	ADD -043/-044 (FOR PHI) FORMATTED TO CURRENT STANDARD	DS	16.04.25
B	RE-DESIGN, ADD D3459-1/-3	PH	98.10.13
A	NEW ISSUE	KE	98.10.13
REV.	DESCRIPTION	BY	DATE
DESIGN	KE	DART AEROSPACE USA, INC EUGENE, OR	
DRAWN	RF		
CHECKED	AK	DRAWING NO.	REV. C
MFG. APPR.	DD	D2842	SHEET 1 OF 2
APPROVED	DS	TITLE	SCALE
DE APPR.	DS	206/407 FLOAT STEP ASSEMBLY	NTS
DATE	16.04.25	COPYRIGHT © 1988 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

Qty -043	Qty -044	Part Number	Description
X		D2842-043	LH FLOAT STEP ASSEMBLY (FOR PHI)
	X	D2842-044	RH FLOAT STEP ASSEMBLY (FOR PHI)
1	1	D2622-118	EXTRUSION
2	2	D2734	END PLATE
2	2	D3459-1	PLATE
2	2	D3459-3	PLATE
1	1	MS20601AD4W2	RIVET



TYPICAL STEP END DETAIL
NOT TO SCALE



SECTION A-A
NOT TO SCALE

D2842-043 LH FLOAT STEP ASSEMBLY (SHOWN)
D2842-044 RH FLOAT STEP ASSEMBLY (OPPOSITE)

NOTES:

- 1) MATERIAL: MAKE FROM EXTRUSION D2622
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PRIME (REF 4.2.1.3.3) OUTSIDE PER QSI 005 4.2.1
PAINT BLACK PER QSI 005 4.2.2 USING CA8213/F37038 CAMOFLAGE BLACK PER MIL-PRF-05285E TYPE I CLASS H
APPLY BLACK ANTI-SKID PAINT PER DART QSI 005 4.4
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D2842-043/-044" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A
- 8) WELD PER DART QSI 004

RELEASED
2016-08-02

DESIGN	KE	DART AEROSPACE USA, INC	
DRAWN	RF	EUGENE, OR	
CHECKED	AK	DRAWING NO.	REV. C
MFG. APPR.	DD	D2842	SHEET 2 OF 2
APPROVED	DS	TITLE	SCALE
DE APPR.		206/407 FLOAT STEP ASSEMBLY	NTS
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